

CLAIMS

We claim:

1. A method comprising:
 - (a) capturing with an imaging device, first image data corresponding to an image of at least a portion of a user interface of an automated banking machine that includes a cash dispenser, and storing the first image data in at least one data store through operation of at least one processor;
 - (b) subsequent to (a), capturing with the image device, second image data corresponding to an image of at least a portion of the user interface of the automated banking machine;
 - (c) comparing the first image data and the second image data through operation of at least one processor to determine if there is at least a level of change between the first and second image data;
 - (d) responsive to determining at least the level of change in (c), taking at least one programmed action responsive to operation of the at least one processor.

2. The method according to claim 1 wherein in (a) and (b) the portion of the user interface includes a card accepting opening.
3. The method according to claim 2 wherein (d) includes sending at least one message to at least one remote system address.
- 5 4. The method according to claim 3 wherein (d) includes sending image data to at least one remote system address.
5. The method according to claim 2 wherein (d) includes executing at least one test to determine if an unauthorized card reading device has been installed.
6. The method according to claim 5 wherein (d) includes sensing radiation with at least one sensor adjacent the card accepting opening.
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7. The method according to claim 5 wherein (d) includes sensing vibratory properties of at least a portion of the machine.
8. The method according to claim 2 wherein (d) includes rendering the machine inoperative.
9. The method according to claim 2 and prior to (b) further comprising:

(e) detecting at least one triggering event responsive to operation of the at least one processor, wherein (c) is performed responsive to the triggering event.

10. The method according to claim 9 wherein in (e) the triggering event includes sensing a person in proximity to the machine beyond a set period.

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11. The method according to claim 9 wherein in (e) the triggering event includes at least one failed attempt by a card reader in the machine to read a card.

12. The method according to claim 9 wherein in (e) the triggering event includes the machine sensing an object in a card accepting slot without reading a card proximately thereafter.

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13. The method according to claim 9 wherein in (e) the triggering event includes sensing opening of a shutter previously blocking a card accepting slot.

14. The method according to claim 9 wherein in (e) the at least one triggering event includes an input to at least one key on the user interface of the machine at a time not appropriate in operation of the machine.

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15. The method according to claim 14 wherein the machine includes a keypad and wherein in (e) is at least one key of the keypad.

16. The method according to claim 14 wherein in (e) the at least one key is a function key.
17. The method according to claim 9 wherein in (e) the at least one triggering event includes the machine presenting cash to a user that is not taken by the user.
18. The method according to claim 9 wherein in (e) the triggering event includes at least one user not taking a transaction receipt provided by the machine.
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19. The method according to claim 9 wherein in (e) the triggering event includes the machine being able to satisfactorily complete a plurality of transactions.
20. The method according to claim 9 and further comprising:
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 - (f) responsive to (e), causing the at least one processor to execute at least one action in a programmed sequence corresponding to the triggering event.
21. The method according to claim 20 wherein in (f) the at least one action includes (c).
22. The method according to claim 20 wherein in (f) the at least one action includes capturing image data with another imaging device.

23. The method according to claim 22 wherein in (f) the another imaging device includes a camera having a different field of view than the imaging device in (a).

24. The method according to claim 20 wherein in (f) the at least one action includes moving data corresponding to at least one image from temporary data storage to more permanent data storage.

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25. The method according to claim 20 wherein in (f) the at least one action includes having a controller in the machine conduct at least one test activity.

26. The method according to claim 25 wherein (f) the at least one test activity includes testing for installation of an unauthorized card reading device on the machine.

10 27. An article bearing computer executable instructions operative to cause at least one processor to carry out the method steps recited in claim 1.